

# Comparisons of Job Characteristics

**Focus Occupation:** Telecommunications Line Installers and Repairers (49-9052)

**Associated Occupation:** Helpers--Installation, Maintenance, and Repair Workers (49-9098)

Compare Knowledge

Compare Skills

Compare Abilities

Compare Detailed Work Activities

Compare Tools and Technologies

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

## Knowledge

Similarity of Focus Occupation to Associated Occupation: 37

**Focus Occupation:** Telecommunications Line Installers and Repairers (49-9052)

**Associated Occupation:** Helpers--Installation, Maintenance, and Repair Workers (49-9098)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Mechanical	6.8	15.0	8.1	<<	Extensive education and/or training may be required
Public Safety and Security	6.9	9.5	8.1	<	Expanded education and/or training may be required
Engineering and Technology	5.7	9.1	8.7	0	Current knowledge level may be sufficient
Design	5.2	8.2	6.8	<	Expanded education and/or training may be required
Building and Construction	4.0	6.9	5.9	<	Expanded education and/or training may be required
Chemistry	4.8	6.8	2.4	<<	Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Skills

Similarity of Focus Occupation to Associated Occupation: 79

**Focus Occupation:** Telecommunications Line Installers and Repairers (49-9052)

**Associated Occupation:** Helpers--Installation, Maintenance, and Repair Workers (49-9098)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Operation Monitoring	6.6	10.8	9.3	<	A higher skill level may be required
Equipment Maintenance	3.5	10.7	8.3	<	A higher skill level may be required
Operation and Control	5.4	10.5	9.1	<	A higher skill level may be required
Quality Control Analysis	5.9	10.0	7.7	<	A higher skill level may be required
Repairing	3.4	9.4	7.1	<<	Extensive development of skills in this area may be required
Troubleshooting	4.5	9.3	9.8	0	Current skill level may be sufficient

Equipment Selection	3.3	8.7	5.2	<<	Extensive development of skills in this area may be required
Installation	1.7	5.8	3.1	<<	Extensive development of skills in this area may be required
Technology Design	2.6	5.8	3.3	<<	Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 80			
Focus Occupation: Telecommunications Line Installers and Repairers (49-9052) Associated Occupation: Helpers--Installation, Maintenance, and Repair Workers (49-9098)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Extent Flexibility	4.8	13.4	11.1	<	Some improvement in abilities may be required
Arm-Hand Steadiness	6.8	12.4	10.3	<	Some improvement in abilities may be required
Static Strength	5.0	11.6	8.8	<<	Extensive improvement in abilities may be required
Trunk Strength	5.7	11.1	8.3	<<	Extensive improvement in abilities may be required
Hearing Sensitivity	5.6	10.1	5.7	<<	Extensive improvement in abilities may be required
Dynamic Strength	3.5	8.5	5.3	<<	Extensive improvement in abilities may be required
Gross Body Equilibrium	3.2	8.4	6.9	<	Some improvement in abilities may be required
Glare Sensitivity	2.6	7.5	4.0	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 62
<b>Focus Occupation: Telecommunications Line Installers and Repairers (49-9052)</b> <b>Associated Occupation: Helpers--Installation, Maintenance, and Repair Workers (49-9098)</b>		
Work Activities	Exclusivity of Activity	
Apply cleaning solvents	41	
Clean equipment or machinery	20	
Move or fit heavy objects	8	
Read blueprints	10	
Repair or replace electrical wiring, circuits, fixtures, or equipment	49	
Use hand or power tools	2	

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Tools and Technologies that Both Occupations Have in Common

Similarity of Focus  
Occupation to Associated  
Occupation: 70

**Focus Occupation: Telecommunications Line Installers and Repairers (49-9052)**

**Associated Occupation: Helpers--Installation, Maintenance, and Repair Workers (49-9098)**

Tools and Technologies	Exclusivity
Aerial lifts	13
Computers	1
Cutting and crimping and punching tools	3
Data management and query software	1
Dispensing tools	6
Earth moving machinery	11
Forming tools	2
Holding and clamping tools	3
Ladders and scaffolding	6
Machine tools	7
Measuring and layout tools	3
Power tools	2
Soldering and brazing and welding machinery and supplies	6
Wrenches and drivers	2

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.